



# **QUARTERLY BULLETIN**

**INTELLIGENCE CONTINUING  
EDUCATION PROGRAM  
(ICEP)**



**SUMMER 1991**



DEPARTMENT OF DEFENSE  
DEFENSE INTELLIGENCE COLLEGE  
WASHINGTON, D.C. 20374  
OFFICE OF THE COMMANDANT

1 May 1984

U-1282/DIC-2

TO: Intelligence Professionals in the Washington, D.C. Area

SUBJECT: Summer Course Offerings at the Defense Intelligence College

1. This Bulletin contains the course offerings in the Intelligence Continuing Education Program (ICEP) for the summer term, which will begin at the Defense Intelligence College on 2 July 1984. The program consists of 20 courses in the fields of strategic intelligence operations; analytical methodologies and systems; collections, resources, and organizations; and area assessments. These courses are open to part-time students in the Washington area, and offer a unique opportunity for in-depth study of topics which are of interest to the intelligence community.
2. This Bulletin also contains information on weekend courses taught at the Defense Intelligence College. These courses provide brief, but intensive surveys of intelligence subjects of interest to active duty military personnel, members of the reserve components, and civilian employees of the U.S. government who in their present or prospective positions require an understanding of selected aspects of the U.S. intelligence process. Offered in conjunction with Detached Training Site (DTS-50) of the Air Force Intelligence Service Directorate of Reserve Forces, these courses enhance the regular weekday instructional program of the Defense Intelligence College.
3. This Bulletin gives general information about the College, the Intelligence Continuing Education Program and enrollment procedures. It also contains a list of courses being offered, with descriptions of course content, requirements, and schedules. A list of courses which will be offered in the academic year 1984-85 can be found near the back of the Bulletin. This list is tentative, but should be useful in planning future requirements. Further information can be obtained by contacting your organization's Training Officer, or, if a Training Officer is not assigned to your agency, by writing the Admissions Office, Defense Intelligence College, Washington, D.C. 20301 or by telephoning that office at 373-3302.
4. I urge every intelligence professional--military or civilian--to take advantage of this opportunity to enhance his or her professional education, to work with contemporaries from different sectors of the intelligence community and to share knowledge and experiences in a learning environment.

INTELLIGENCE CONTINUING EDUCATION PROGRAM  
Summer 1984

GENERAL

Courses completed within the ICEP can be applied toward the Postgraduate Intelligence Program (PGIP) diploma or the Master of Science of Strategic Intelligence (MSSI) degree. For either program, ICEP students must complete all requirements within five years from initial enrollment. Course availability is dependent on student enrollment, and is subject to change or cancellation in the event of under-enrollment.

The summer program will consist of 20 courses, beginning 2 July and ending 10 September 1984. These courses will be presented as lectures and seminars at the graduate level by the College faculty, by professionals from the national intelligence community, and by professors from other academic institutions.

ICEP MATRICULATION REQUIREMENTS

Part-time students may request enrollment in ICEP if they meet the following criteria:<sup>\*</sup>

- Are designated intelligence specialists/subspecialists (military or civilian), or have a minimum of two years intelligence experience;
- Hold the civilian rank of GS-7 through GS-13, or the military rank of E-7 through O-5;
- Possess a baccalaureate degree from an accredited institution;
- Meet the security clearance requirements for the course. (Note: To minimize security clearance problems, ICEP students should be cleared for TS/SI/SAO);
- Meet the course prerequisites.

ICEP students may apply for a maximum of six courses per quarter, depending on their ability to meet the prerequisites, and to devote the time necessary to meet the class requirements.

\* Waivers of experience and grade criteria may be obtained if appropriately justified.

PART-TIME MSSI PROGRAM

Part-time students may enter the MSSI program through enrollment in the ICEP.

## MSSI ELIGIBILITY AND APPLICATION:

To be eligible for the MSSI program, students must:

- a. Be professional civilians or military officers designated as intelligence specialists or subspecialists in grades GS-11 through GS-13 or through O-5. Personnel of higher or lower rank must receive special permission to enroll.
- b. Be nominated by their parent organization.
- c. Have an earned baccalaureate degree from an accredited institution.
- d. Meet ONE of the following:
  - (1) have a minimum of a "B" overall undergraduate average;
  - (2) have a graduate degree from an accredited institution;
  - (3) have a combined verbal/quantitative score of 1100 on the Graduate Record Examination (GRE) with a minimum of 550 verbal;
  - (4) have a score of 60 on the Miller Analogies Test (MAT).
- e. Submit all official college transcripts and/or GRE/MAT scores to Registrar prior to matriculation.

## MSSI PROGRAM REQUIREMENTS:

- a. The 10 core courses required in the Postgraduate Intelligence Program (PGIP): 30 quarter hours credit.
- b. Five elective courses chosen from the current list of approved graduate courses: 15 quarter hours credit.
- c. SC700, MSSI Research Project: 3 quarter hours credit.
- d. A thesis: 6 quarter hours credit.

Additional information:

- a. All ICEP applicants for the part-time MSSI program must contact Assistant Academic Dean for Graduate Programs at the College to begin formal procedures for application.
- b. PGIP and MSSI students must maintain a minimum grade point average of 3.0 on a 4.0 scale.

### SOVIET CONCENTRATION

ICEP/MSSI students have the option of selecting a concentration of courses for the specialized study of the Soviet Union. Students who choose concentration will be required to take four "electives" in the Soviet plus SA661.

During the 1983-1984 academic year, eight Soviet area electives will be offered.

- SA642 - East Europe: Current Strategic Appraisal
- SA662 - The Soviet Armed Forces
- SA664 - Soviet Military and Foreign Policy Strategy
- SA665 - Soviet Intelligence and Security Services
- SA666 - Soviet Naval Operations
- SA667 - Soviet Air and Strategic Rocket Forces
- SA652 - Scientific and Technical Intelligence I
- SS690 - Strategic Analysis

The Soviet concentration is being offered to enhance opportunities for students to obtain future Soviet-related assignments. Thus, Service personnel branches will be notified of students who complete the concentration and participation will be recognized in student training reports.

Students who desire to pursue the concentration will be responsible for arranging their schedules to meet requirements.

### NATIONAL FOREIGN INTELLIGENCE COMMUNITY CONCENTRATION

Students who choose this concentration will be required to take a minimum of four of their six electives in the area of National Foreign Intelligence Community. At least three of these courses will be from the SM offerings.

For the 1983-84 academic year, the following courses constitute the (N) concentration:

- SM602 - Intelligence Management: Applications
- SM603 - Joint Staff Process and Intelligence
- SM622 - National Security Policy Process
- SM624 - Problems and Future - U.S. Foreign Intelligence Community
- SM625 - Law of Intelligence
- SM626 - Congress and U.S. Intelligence
- SM627 - National Security Policy & Intelligence
- SM699 - Directed Research
- \*SA665 - Soviet Intelligence and Security Services
- \*SA690 - Economic Intelligence
- \*SO621 - Advanced Estimative Intelligence

MSSI students wishing to write a thesis dealing with management of the National Foreign Intelligence Community and management of its resources are encouraged to enroll in this concentration.

Service personnel branches will be notified of students who complete this concentration and participation will be recognized in student reports.

#### SECURITY CLEARANCE

Security clearance requirements specified for each course are mandatory. Appropriate clearances and accesses must be officially certified to the Defense Intelligence College before the term begins in order for enrollment to be finalized. Collateral clearances may be certified by official message; SCI clearance and access must be passed via SSO channel. Addresses are as follows:

MAIL: Defense Intelligence College  
ATTN: DIC-ID/Security Officer  
Washington, D.C. 20301

MESSAGE: DIA WASHINGTON DC//DIC-ID//

SSO: SSO DIA//OS-4A//  
(text should request pass to Defense Intelligence College  
Officer)

(NOTE: All clearance certifications, whether by mail, message, or SSO, must clearly identify the course and inclusive dates of the certification).

#### IMPORTANT DATES

The deadline for pre-registration (initial request for course enrollment) is 11 June 1984. Pre-registration confirmation letters will be sent to the Defense Intelligence College on 18 June 1984. All pre-registered applicants should report to the Defense Intelligence College for formal registration during the period 26-27 June 1984. Registration includes:

- a. Verification of student data.
- b. Verification of clearance/access.
- c. Issuance of badges.

For example:

NSA. . . . . AUTOVON 235-0111 (ext 6785)  
FBI. . . . . 324-4591  
INSCOM. . . . . 692-6278

OR, If a Training Officer is not assigned to your agency, contact (after 20 June 1984):

Admissions Office  
Defense Intelligence College  
Washington, D.C. 20301

Telephone: 373-3302

COURSE OFFERINGS  
SUMMER I 1984  
2 July - 8 August 1984

0800-1050

1300-1550

M	SA682.02	Intell Factors Latin Amer	SA610.06	Intell Factors 3rd W
O	SS560.05	Decision Theory I**	SA630.02	Africa: Issues & Con
N			SA643.02	Western Europe: Curre
D				Problems & Issues
A				
Y				
T	SA626.03	Middle East: Issues & Conc	SM603.02	Joint Staff Process
U	SO652.02	S&T Intell	SM627.02	National Sec Pol & I
E	SS550.05	Stat Data Analysis I**	SM630.06	Mgmt of Intell Resour
S				
D				
A				
Y				
W	SA682.02	Intell Factors Latin Amer	SA610.06	Intell Factors 3rd W
E	SS560.05	Decision Theory I**	SA630.02	Africa: Issues & Con
D			SA643.02	Western Europe: Curre
N				Problems & Issues
E				
S				
D				
A				
Y				
T	SA626.03	Middle East: Issues & Conc	SM603.02	Joint Staff Process
H	SO652.02	S&T Intell	SM627.02	National Sec Pol & I
U	SS550.05	Stat Data Analysis I**	SM630.06	Mgmt of Intel Resour
R				
S				
D				
A				
Y				
F	SO680.05	Intro I&W/Terrorism***	SS551.02	Models, Simulation &
R				
I				
O				
A				
Y				

\* Core Course (required)

\*\* Core Course (elective)

\*\*\* SO680.05 will meet once a week for both summer sessions.  
SS551.02 will meet once a week for both summer sessions.

COURSE OFFERINGS  
SUMMER II 1984  
13 August - 10 September 1984

0800-1050

1300-1550

M SA664.03 Soviet Mil & For Policy SM624.02 Dev & Future U.S. Intell  
O SM622.02 National Security Pol Pro

N  
D  
A  
Y

T SA604.02 Pol, Mil & Econ App Asia SA601.05 China: Assessments Survey\*\*  
U SA667.02 Soviet Air & Rocket Forces

E  
S  
D  
A  
Y

W SA664.03 Soviet Mil & Foreign Policy SM624.02 Dev & Future U.S. Intell  
E SM622.02 National Security Pol Pro

D  
N  
E  
S  
D  
A  
Y

T SA604.02 Pol, Mil & Econ App Asia SA601.05 China: Assessments Survey\*\*  
H SA667.02 Soviet Air & Rocket Forces

U  
R  
S  
D  
A  
Y

F SO680.05 Intro I&W/Terrorism\*\*\* SS551.02 Models, Simulation & Game I\*\*  
R (continued from SSI)  
I  
D  
A  
Y

I  
D  
A  
Y

\*\* Core Course (elective)

\*\*\* SO680.05 will meet once a week for both summer sessions.  
SS551.02 will meet once a week for both summer sessions.

ICEP FACULTY AND STAFF - SUMMER 1984

Fabian, Felix M., Colonel, USAF, Ph.D. (A.B.D.) (University of Texas), (A.B.D.) (University of Colorado), Acting Dean.

Baker, Jeffrey D., Lt Col, USAF, Ph.D. (University of North Carolina), Assistant Dean for Graduate Programs.

Balogh, Michael J., Capt, USAF, B.S. (Kent State University), Registrar.

Beland, Robert D., Maj, USAF, M.A. (University of Virginia), Faculty.

Blackburn, N. Glenn, Major, USA, M.S. (Southern Illinois University), Faculty.

Collins, J. Foster, M.S. (George Washington University), Adjunct Faculty.

Daston, Melissa, M.A. (University of Maryland), Special Advisor.

Gordon, Joseph S., Ph.D. (Duke University), Faculty.

Gross, Max, Ph.D. (Georgetown University), Faculty.

Heymann, Hans, M.I.A., (Columbia University), Visiting Professor.

Ingersoll, Hazel, Ph.D. (George Washington University), Faculty.

Kinkaid, Jo H., Lt Col, USAF, M.A. (Georgetown University), Faculty.

Lee, William T., A.B.D. (Columbia University), Adjunct Faculty, Assistant to the Assistant Deputy Director for Research, DIA.

Liptak, William, CDR, USN, B.A. (Albright College), Faculty.

Lyon, Martha S., CDR, USN, M.E.D. (Northeastern Illinois), Faculty.

Lovejoy, Charles D., LTC, USA, M.P.A. (Princeton), Faculty.

Marsh, Norbert H., M.A. (Eastern Michigan), Branch Chief, Area Assessment.

Schutz, Barry M., Ph.D. (University of California at Los Angeles), Faculty.

Sloan, John, M.S. (Ohio State University), M.A. (Columbia University), Faculty.

Thomas, Jack E., Ph.D. (University of California, Berkeley), Major General USAF (Ret), Adjunct Faculty, former Assistant Chief of Staff Intelligence Headquarters, USAF; former CIA member of Board of National Estimates.

Whitty, Mary B. LT(jg), USN, B.S. (Cortland State University), Admissions  
Officer.

Course Descriptions  
(Alphabetized by Academic Branch)

AREA ASSESSMENTS COURSES

The following courses provide all-source instruction -- derived from classified and unclassified sources -- dealing with the major geopolitical areas of the world, with emphasis on the significance of each area to U.S. security interests and objectives.

**SA601 China: Assessments Survey**

3 credit hours

**Objective:** To comprehend how the internal and external policies of China are influenced by strategic intelligence factors related to economic, geographical, cultural, political, government structure, military and security considerations. The course covers the problems of intelligence assessment, national and defense intelligence questions, geography, transportation, cultural history, the history of the Communist Party, party and government organization, economics, science and technology, national security structure and military forces as they impact on the national objectives.

**Instructor:** Mr. N. Marsh

**Requirements:** Seminar Participation/Mid-Term Examination/Final Examination

**Security Clearance Requirements:** SECRET/NOFORN

**Meetings:** Summer II, Tuesday/Thursday 1300-1550 hrs

**SA604 Political, Military and Economic Appraisal of Asia**

3 credit hours

**Objective:** To comprehend the political, military and economic issues facing Asia in the post-1970 period. The course covers the political, military, economic and social issues, and the influence of the United States and Soviet Union on the region. The course covers the Koreas, Japan, Pacific Asia, Southeast Asia, and China.

**Instructor:** Mr. N. Marsh

**Requirements:** Short Research Paper/Final Examination

**Security Clearance Requirements:** SECRET/NOFORN

**SA610 Intelligence Factors in the Third World**

**3 credit hours**

**Objective:** To comprehend how socio-economic, demographic, geopolitical, and military factors shape and limit policy choices in the Third World (emphasis on Latin America, Middle East and Sub-Saharan Africa). Modernization versus traditionalism, the presence or lack of an effective middle class, the role of the military and intelligence services, and the pressures applied by super-powers often determine the degree of stability engendered in the society and the nature of a nation's response to U.S. and/or Soviet policy. In addition the course addresses international organizations and the issues which influence events in the Third World.

**Instructor:** Dr. H. Ingorsoll

**Requirements:** Mid-term Examination/Final Examination

**Security Clearance Requirements:** SECRET/NOFORN

**Meetings:** Summer I, Monday/Wednesday 1300-1550 hrs

**SA626 The Middle East: Issues and Concepts**

**3 credit hours**

**Objective:** To comprehend the manner in which internal changes determine national foreign policy, regional interests, and relations with the super-powers. The course examines the major states of the Middle East from the regional interest group perspective and as a regional subsystem in conflict. The Arab-Israeli conflict, U.S. and Soviet interest in the area, Persian Gulf insecurity, oil, and socio-cultural factors within key states will be emphasized.

**Instructor:** Dr. M. Gross

**Requirements:** Final Examination and Research Paper

**Security Clearance Requirements:** SECRET/NOFORN

**SA630 Africa: Issues and Concepts**

**3 credit hours**

**Objective:** To comprehend the manner in which local issues, rivalries, ethnic conflicts, economic and political relations of several leading African states limit or constrain the political-military goals of the superpowers and former colonialist nations. The course will examine the African continent as both a region in perpetual conflict and as an arena for East-West struggle.

**Instructor:** Dr. Barry Schutz

**Requirements:** Paper/Final Examination

**Security Clearance Requirements:** SECRET/NOFORN

**Meetings:** Summer I, Monday/Wednesday 1300-1550 hrs

**SA643 Western Europe: Current Problems and Issues**

**3 credit hours**

**Objective:** To comprehend the current socio-political situation in the most important Western European countries; the relations between Western Europe and Eastern Europe, the USSR and the U.S.; and U.S./Western European interdependence. This course provides a comprehensive socio-political, economic, and military assessment of Western Europe at the start of the 80s from the viewpoint of U.S. strategic intelligence interests. It examines the patterns of Western European politics, with particular emphasis on the evolution of democratic socialism and the meaning and impact of Eurocommunism; the role of current problems of Britain, Germany, France, Italy, and Spain; problems and future prospects of the European Economic Community; regionalism and its political implications, NATO and post-Helsinki Europe; relations between Western Europe and the Soviet Union and Eastern Europe; and the interdependence between the U.S. and Western Europe.

**Instructor:** Dr. J. Gordon

**Requirements:** Seminar Participation/Class Presentation/Research Paper

**Security Clearance Requirements:** SECRET/NOFORN

**Meetings:** Summer I, Monday/Wednesday 1300-1550 hrs

**SA664 Soviet Military and Foreign Policy Strategy**

**3 credit hours**

**Objective:** To comprehend current Soviet military doctrine and aspects of current Soviet foreign policy issues. This course provides comprehensive intelligence assessment of Soviet nuclear and conventional fighting concepts, Soviet perceptions of major foreign policy issues and assessment of varying U.S. perceptions of Soviet foreign policy.

**Instructor:** Mr. John Sloan

**Requirements:** Research Paper/Final Examination

**Security Clearance Requirements:** SECRET/NOFORN

**Meetings:** Summer II, Monday/Wednesday 0800-1050 hrs

**SA667 Soviet Air and Strategic Rocket Forces**

**3 credit hours**

**Objective:** To comprehend the history, development, and utilization of Soviet Strategic Rocket and Air Forces. The course examines the origins, political, military, and economic events leading to the development, improvement and deployment of air and missile forces. A comparison of Stalin, Khrushchev and Brezhnev policies and probable future programs will be presented.

**Instructor:** Mr. William Lee

**Requirements:** Research Paper/Final Examination

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Meetings:** Summer II, Tuesday/Thursday 0800-1050 hrs

SA682 Intelligence Issues In Latin America

3 credit hours

**Objective:** To comprehend crisis and threat situations in Latin America. The course will emphasize the Communist supported "domino threat" to the Central American Caribbean area; the nuclear race between Argentina and Brazil; the oil issues, particularly concerning Venezuela and Mexico; the Beagle Channel and the Falkland Islands crises; the War of the Pacific scenario; the United Naval Exercise; and the future of the Panama Canal. The course will assess U.S. involvement in various military and political alliances; the role of Latin American military organizations; weapons systems, including Soviet and other foreign weapons systems; various intelligence organizations; and U.S. I&D surveillance operations on potential conflict areas.

**Instructor:** Dr. H. Ingersoll

**Requirements:** Mid-Term Examination/Research Project (Paper or Annotated Bibliography)

**Security Clearance Requirements:** SECRET/NOFORN

**Meetings:** Summer I, Monday/Wednesday 0800-1050 hrs

## COLLECTIONS, RESOURCES, AND ORGANIZATIONS COURSES

The following courses examine the national security structure, the intelligence community, and the nature of intelligence, as well as management principles and techniques as they apply to intelligence activities.

### SM603 Joint Staff Process, Operations and Intelligence

3 credit hours

**Objective:** To comprehend the organization, structure, and procedures joint staffs and Unified and Specified staffs, and the role intelligence in the joint staff process. The course includes an examination of the intelligence inputs to the Joint Strategic Target Planning Staff (JSTPS) the Staff decision-making processes and the roles and missions of current U.S. forces.

**Instructor:** Major N. Glenn Blackburn, USA

**Requirements:** Research Paper or Final Examination

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Meetings:** Summer I, Tuesday/Thursday 1300-1550 hrs

### SM622 The National Security Policy Process

3 credit hours

**Objective:** To develop a general understanding of the national security process. The course covers national security policy formulation implementation. Emphasis is placed on the manner in which the major elements of government support this process, both in terms of policy input intelligence contributions.

**Instructor:** Dr. J. Foster Collins

**Requirements:** Final Examination

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**SM624 Development and Future of the U.S. Foreign Intelligence Community**  
**3 credit hours**

**Objective:** To comprehend the development of the national foreign intelligence community and its activities in terms of pressures for change, and the problems involved in the organization, mission and functioning of the community, particularly the Office of the DCI, along with the management problems arising therefrom. Factors that will influence the future of the community will be explored in depth.

**Instructor:** Dr. J. Thomas

**Requirements:** Research Paper

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Meetings:** Summer II, Monday/Wednesday 1300-1550 hrs

**SM627 National Security Policy and Issues**

**3 credit hours**

**Objective:** To assist the members of the seminar in developing a general understanding of the process by which national security policy is formulated and implemented. Insight will be gained into the manner in which the major departments of government support this process, both in terms of policy inputs and intelligence contributions.

**Instructor:** Mr. Hans Heymann

**Requirements:** Research Paper

**Security Clearance Requirements:** TOP SECRET/SI/SAO

S4630 Financial Management of Intelligence Resources

3 credit hours

**Objective:** To comprehend the general economic environment and the particular financial management issues surrounding the activities of the intelligence community. The course covers financial management in the public sector of the U.S. economy with emphasis on the federal budget process, the National Foreign Intelligence Program (NFIP), the General Defense Intelligence Program (GDIP), and the Five Year Defense Program (FYDP).

**Instructor:** Major R. Beland, USAF

**Requirements:** Seminar Participation/Mid-Term Exam/Final Exam

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Meetings:** Summer I, Tuesday/Thursday 1300-1550 hrs

## STRATEGIC INTELLIGENCE OPERATIONS COURSES

The following courses provide instruction from the national/strategic intelligence perspective in the areas of the intelligence cycle, collection disciplines, and the components of strategic intelligence.

### S0652 Scientific and Technical Intelligence I

3 credit hours

**Objective:** To comprehend the broad range of Soviet RDT&E capabilities and accomplishments, their problems and weaknesses, and the effectiveness of U.S. intelligence efforts in these areas. The course provides a survey of the concepts and principles involved in scientific and technical intelligence. The structure, functions, and problems of U.S. and Soviet S&T fields are covered. The Soviet S&T threat is emphasized, including the research and development process and management, weapon system acquisition processes, technological base (education, manpower, and facilities), design philosophies, and resource utilization. Other topics covered include technology transfer, technological and threat forecasting, and an overview of the PRC technological base.

**Instructor:** CDR W. Liptak, USN

**Requirements:** Mid-Term Examination/Final Examination

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Meetings:** Summer I, Tuesday/Thursday 0800-1050 hrs

### S0680 Introduction to Indications & Warning Intelligence (I&W) and Terrorism

3 credit hours

**Objective:** To comprehend the operation and structure of the DoD Indication and Warning System, the process of crisis management, and the application of crisis histories to contemporary threats. The relationship between international terrorism and the warning process will be reviewed, and the student will learn the theory, environment and practices of terrorism and terrorists.

**Instructor:** Lt Col J. Kinkaid, USAF

**Requirements:** Case Study Research Paper/Final Examination

**Security Clearance Requirements:** TOP SECRET/SI/SAO

## **ANALYTICAL METHODOLOGIES AND SYSTEM COURSES**

*The following courses provide instruction in quantitative analysis, techniques and research methods as applied to intelligence data.*

### **SS550 Statistical Data Analysis I**

**3 credit hours**

**Objective:** To apply the basic tools of statistical analysis as an aid in solving intelligence problems. The course covers descriptive statistics, inferential statistics to include sampling, hypothesis testing, confidence intervals, correlation and regression, and non parametric statistics.

**Instructor:** TBA

**Requirements:** Homework Problems/Mid-term Examination/Final Examination

**Security Clearance Requirements:** TOP SECRET

**Meetings:** Summer I, Tuesday/Thursday 0800-1050 hrs

### **SS551 Models, Simulation, and Gaming**

**3 credit hours**

**Objective:** To understand the application of selected operations research techniques to intelligence problems. The course provides an introductory operations research and systems analysis, with emphasis on the simulation approach to problem-solving, using examples and techniques that have been used in the intelligence community. Queueing theory, gaming, mathematical modeling, and system dynamics are presented.

**Instructor:** CDR M. Lyon, USN

**Requirements:** Project, Final Examination

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Security Clearance Requirements:** TOP SECRET/SI/SAO

**Meetings:** Summer 1, Monday/Wednesday 0800-1050 hrs

20	SA641-1	CORE	Africa. Issues & Conf.	TBA	Red	1030	1320	S/NFCRN
20	SA661-1	CORE	Europe Btwn Superpowers	Gordon	Thu	0730	1020	TS/SI/TK
20	SA661-2	CORE	Appraisal Soviet Union	Vernon	Wed	0730	1020	TS/SI/TK
15	SA661-2	CORE	Appraisal Soviet Union	Vernon	Fri	1030	1320	TS/SI/TK
15	SA665-1	CORE	Soviet Intell & Secrty Sv	TBA	Tue	1330	1620	S/HOFORN
18	SA666-1	CORE	Soviet Naval Ops	Watson	Tue	1030	1320	TS/SI/TK
18	SA682-1	CORE	Intell Issues Latin Amer	Ingersoll	Mon	1030	1320	S/NFCRN
18	SA684-1	CORE	Crisis in Central America	Ingersoll	Thu	1330	1620	TS/SI/TK
20	SC501-1	CORE	Intell Research: Sources	TBA	Tue	0730	1020	TS/SI/TK
20	SC501-2	CORE	Intell Research: Sources	TBA	Wed	1030	1320	TS/SI/TK
20	SC501-3	CORE	Intell Research: Sources	TBA	Thu	0730	1020	TS/SI/TK
30	SM603-1	CORE	Intelligence Collection	TBA	Tue	0730	1020	TS/SI/TK
30	SM603-2	CORE	Intelligence Collection	TBA	Thu	0730	1020	TS/SI/TK
70	SM605-1	CORE	Natl Foreign Intell Crrn	Strong	Mon	0730	1020	TS/SI/TK
15	SM623-1	CORE	Literature of Intelligence	Pforzheimer (Lauban)	Thu	1330	1620	TS
30	SM630-1	CORE	Financial Mgmt Intell Rsc	Beland	Wed	0730	1020	TS/SI/TK
18	SS510-1	CORE	Intro Intell ADP Systers	Fitch	Thu	1030	1320	TS/SI/TK
20	SS550-1	CORE	Stat Data Analysis I	TBA	Fri	0730	1020	TS
10	SS551-1	CORE	Models, Simulation & Gaming	Lyon	Wed	1330	1620	TS/SI/TK
20	SS560-1	CORE	Decision Theory I	Lovejoy	Fri	0730	1020	TS

18	SA642-1		East Europe Current Apps	TBA	Fri	0730	1020	S/HOFCRN
18	SA643-1		Western Europe Current Pr	Gordon	Wed	1030	1320	S/HOFCRN
20	SA661-3	CORE	Appraisal Soviet Union	Vernon	Tue	0730	1020	TS/SI/TK
20	SA661-4	CORE	Appraisal Soviet Union	Vernon	Wed	1330	1620	TS/SI/TK/G
15	SA662-1		Soviet Armed Forces	McCool	Wed	0730	1020	TS/SI/TK/G
15	SA664-1		Soviet Mil & Foreign Policy	TBA	Fri	1330	1620	TS/SI/TK
15	SA665-2		Soviet Intell & Secrty Sv	TBA	Thu	1330	1620	S/NOFORN
15	SA667-1		Soviet Rocket Forces	TBA	Tue	1030	1320	TS/SI/TK
18	SA682-2		Intell Issues Latin America	Ingersoll	Tue	1030	1320	S/NOFORN
15	SA690-1		Economic Intelligence	Hurowitz (Marsh)	Thu	0730	1020	TS/SI/TK
20	SC501-4	CORE	Intell Research: Sources	TBA	Tue	1330	1620	TS/SI/TK
20	SC501-5	CORE	Intell Research: Sources	TBA	Thu	1030	1320	TS/SI/TK
20	SC501-6	CORE	Intell Research: Sources	TBA	Fri	1030	1320	TS/SI/TK
30	SM603-3	CORE	Intelligence Collection	TBA	Tue	1330	1620	TS/SI/TK
30	SM603-4	CORE	Intelligence Collection	TBA	Thu	1030	1320	TS/SI/TK
70	SM605-2	CORE	Natl Foreign Intell Crrn	Strong	Mon	0730	1020	TS/SI/TK
15	SM623-2		Literature of Intelligence	Pforzheimer	Thu	1330	1620	TS
15	SM624-1		Dev & Fut US Fara Intell	TBA	Fri	1330	1620	TS/SI/TK
15	SM625-1		Law of Intelligence	Kornblum (Strong)	Wed	1030	1320	TS
15	SM627-1		Natl Security Policy & Int	Heymann	Thu	1330	1620	TS/SI/TK
30	SM630-2	CORE	Financial Mgmt Intell Rsc	Beland	Mon	1030	1320	TS/SI/TK
30	SM630-3	CORE	Financial Mgmt Intell Rsc	Beland	Wed	0730	1020	TS/SI/TK
30	SO606-1	CORE	Intro Natl Intell Prdctn	Lyda	Tue	1330	1620	TS/SI/TK
30	SO606-2	CORE	Intro Natl Intell Prdctn	Lyda	Thu	1030	1320	TS/SI/TK
15	SO652-1		Scientific & Tech Intell	Liptak	Thu	0730	1020	TS/SI/TK
20	SO680-1	CORE	Intro I&W/Terrorism	Kinkaid	Mon	1030	1320	TS/SI/TK
20	SO680-2	CORE	Intro I&W/Terrorism	Kinkaid	Wed	0730	1020	TS/SI/TK
20	SO680-3	CORE	Intro I&W/Terrorism	Kinkaid	Fri	1030	1320	TS/SI/TK
14	SS611-1		Storage & Retrieval Basic	Fitch	Mon	1030	1320	TS/SI/TK
20	SS650-2	CORE	Stat Data Analysis I	TBA	Fri	1030	1320	TS
20	SS560-2	CORE	Decision Theory I	Lovejoy	Mon	0730	1020	TS
20	SS560-3	CORE	Decision Theory I	Lovejoy	Fri	1030	1320	TS
15	SS670-1		Pred & Exp Intntl Politic	TBA	Fri	0730	1020	TS

18	SA626-2		Middle East: Issues & Conc	Gross	Wed	1330	1620	S/NOFORN
18	SA630-2		Africa: Issues & Concepts	TBA	Wed	0730	1020	S/NOFORN
20	SA641-4	CORE	Europe Btwn Superpowers	Gordon	Tue	1030	1320	S/NOFORN
20	SA641-5	CORE	Europe Btwn Superpowers	Gordon	Wed	1030	1320	S/NOFORN
18	SA642-2		East Europe Current Apps	TBA	Wed	1330	1620	S/NOFORN
18	SA650-1		Unity & Disunity Comm Blc	TBA	Wed	0730	1020	S/NOFORN
20	SA661-5	CORE	Appraisal Soviet Union	Vernon	Mon	1030	1320	TS/SI/TK
20	SA661-6	CORE	Appraisal Soviet Union	Vernon	Thu	0730	1020	TS/SI/TK
15	SA662-2		Soviet Armed Forces	McCoal	Mon	0730	1020	TS/SI/TK/G
15	SA662-3		Soviet Armed Forces	McCoal	Fri	0730	1020	TS/SI/TK/G
15	SA664-2		Soviet Mil & Forgn Pol St	TBA	Thu	1330	1620	TS/SI/TK
15	SA665-3		Soviet Intell & Secrty Sv	TBA	Fri	1330	1620	S/NOFORN
18	SA666-2		Soviet Naval Ops	Watson	Tue	1330	1620	TS/SI/TK
18	SA683-1		Cuba: Communist Threat	Ingersoll	Mon	0730	1020	S/NOFORN
18	SA684-2		Crisis In Central America	Ingersoll	Tue	1330	1620	TS/SI/TK
15	SA690-2		Economic Intelligence	Hurwitz	Fri	1030	1320	TS/SI/TK
20	SC501-7	CORE	Intell Research: Sources	TBA	Thu	0730	1020	TS/SI/TK
15	SM623-3		Literature of Intelligence	Pforzheimer	Thu	1330	1620	TS
15	SM624-2		Dev & Ful US Forgn Intell	TBA	Fri	1330	1620	TS
15	SM626-1		Congress & US Intel	TBA	Fri	1030	1320	TS
30	SM630-4	CORE	Financial Mgmt Intell Rsc	Beland	Thu	0730	1020	TS/SI/TK
12	SM631-1		Joint Staff Process	Blackburn	Tue	0730	1020	TS/SI/TK
30	SO606-3	CORE	Intro Natl Intell Prdctn	Lyda	Tue	1030	1320	TS/SI/TK
30	SO606-4	CORE	Intro Natl Intell Prdctn	Lyda	Wed	1030	1320	TS/SI/TK
15	SO621-1		Adv Estimative Intell	Russell	Thu	1030	1320	TS/SI/TK
15	SO652-2		Scientific & Tech Intell	Liptak	Fri	1030	1320	TS/SI/TK
20	SO680-4	CORE	Intro I&W/Terrorism	Kinkaid	Mon	1030	1320	TS/SI/TK
20	SO680-5	CORE	Intro I&W/Terrorism	Kinkaid	Tue	1030	1320	TS/SI/TK
20	SO680-6	CORE	Intro I&W/Terrorism	Kinkaid	Fri	0730	1020	TS/SI/TK
15	SS510-2		Intro Intell ACP Systems	Fitch	Thu	1030	1320	TS/SI/TK
14	SS511-2		Storage & Retrieval Basic	Fitch	Mon	0730	1020	S/NOFORN
20	SS550-3	CORE	Stat Data Analysis I	TBA	Mon	1030	1320	TS
10	SS551-2		Models, Simulation & Gaming	Lyon	Fri	1330	1620	TS/SI/TK
20	SS560-4	CORE	Decision Theory I	Lovejoy	Mon	1030	1320	TS
20	SS560-5	CORE	Decision Theory I	Lovejoy	Thu	0730	1020	TS
15	SS650-1		Stat Data Analysis II	TBA	Tue	0730	1020	TS
15	SS660-1		Decision Theory II	TBA	Wed	0730	1020	TS
20	SS690-1		Strategic Analysis	Lovejoy	Tue	0730	1020	TS/SI/TK
20	SS690-2		Strategic Analysis	Lovejoy	Wed	1330	1620	TS/SI/TK

15	SA664-3	Sov Mil & Forgn Pol Strat	TBA	Wed	1030 1320	S/NDFORN
15	SA665-4	Soviet Intell & Secrty Sv	TBA	Thu	1330 1620	S/RDFORN
15	SA667-2	Soviet Rocket Forces	TBA	Fri	1330 1620	TS/SI/TK
18	SA683-2	Cuba: Communist Threat	Ingersoll	Tue	0730 1020	S/NGFORN
15	SM625-2	Law of Intelligence	Kornblum (Strong)	Thu	1330 1620	TS
15	SM627-2	Natl Security Policy & Int	Heymann	Wed	1330 1620	TS/SI/TK
30	SM630-5	CORE Financial Mgmt Intell Rcs	Beland	Tue	1330 1620	TS/SI/TK
30	SM630-6	CORE Financial Mgmt Intell Rcs	Beland	Fri	1030 1320	TS/SI/TK
12	SM631-2	Joint Staff Process	TBA	Wed	1030 1320	TS/SI/TK
15	SO652-3	Scientific & Tech Intell	Liptak	Mon	1030 1320	TS/SI/TK
20	SO680-7	CORE Intro I&W/Terrorism	Kinkaid	Mon	0730 1020	TS/SI/TK
20	SS550-4	CORE Stat Data Analysis I	TBA	Tue	1030 1320	TS
20	SS690-3	Strategic Analysis	Lovejoy	Tue	0730 1020	TS/SI/TK

in their present or prospective positions require an understanding of selected aspects of the U.S. intelligence process. Offered in conjunction with Detached Training Site (DTS) - 50 of the Air Force Intelligence Service Directorate of Reserve Forces, these courses enhance the regular weekday instructional program of the Defense Intelligence College. Students should possess a bachelor's or advanced degree and must meet the security clearance requirements specified below. Instruction in each of these courses is provided by a combination of resident College faculty, members of DTS-50, and guest lecturers from throughout the intelligence community. The academic day for each weekend course is from 0800-1700 hours. The security clearance requirements and enrollment deadline for the Fall 84 Weekend Courses are listed below. Acceptance in each of the courses is contingent on receipt of certified security clearances. Letters of acceptance will be mailed upon receipt of clearances.

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I. INDICATIONS AND WARNING SHORT COURSE (I&WSC, SR381)  
27-28 Oct 84 & 2-4 Nov 84 (2 weekends plus a Friday)

The objective of this course is to expose each student to the worldwide I&W organization and mission, resources, requirements and procedures, including I&W reporting requirements and report dissemination channels.

Criteria for Attendance: As a five-day condensation of the regular College two-week I&W course, this course is especially appropriate for intelligence personnel who desire career-broadening professional exposure or for newly assigned supervisors, including reservists, who find it inconvenient to attend the regular College course. However, attendance at this course is not considered a substitute for the two-week I&W course for those personnel who will be filling an I&W billet. An unclassified glossary and a book of readings are provided during the course.

Security Clearance Requirements: TOP SECRET/SI/SAO

Enrollment Deadlines: 26 Sept 84

Class Size: 30

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personnel whose present or prospective assignments are to intelligence functions requiring an understanding of the national intelligence community and major geopolitical areas.

Security Clearance Requirements: TOP SECRET

Enrollment Deadline: 26 Sept 84

Class Size: 85

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III. SEMINAR ON SCIENTIFIC AND TECHNICAL INTELLIGENCE (SOSTI, SR550)  
13-14 Oct 84 (2 days)

The objectives of this course are to provide intelligence personnel with an overview of key players in the S&T intelligence community, an awareness of current S&T intelligence topics, an understanding of S&T intelligence for the consumer's and producer's points of view, and familiarization with intelligence collection that has a high payoff in S&T intelligence analysis. Guest lecturers from various S&T intelligence organizations will participate. The course will conclude with a look at challenges facing the S&T intelligence profession.

Criteria for Attendance: This course is open to active duty and reserve military officers and civilian employees of the U.S. government whose present or prospective assignment requires an understanding of S&T intelligence. This course is intended primarily for intermediate level intelligence professionals in the grades of Captain through Lt Col and GS-12 through GS-14. This course is not a substitute for the two-week resident Scientific and Technical Intelligence Analyst Introductory Course (STIAIC), which is required at the Journeyman level in the DOD S&T Intelligence Professions.

Security Clearance Requirements: TOP SECRET/SI/SAO

Enrollment Deadline: 6 Sept 84

Class Size: 65

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